

ABSTRACT OF THE DISCLOSURE

A stackable, vertical axis windmill comprised of a braced external frame that enables stacking of multiple windmill assemblies. Couplings are located on both ends of the vertical rotor shaft to enable stacking and the transmission of power, an internal wind flow cavity, and controlled wind guides is described. The external frame includes structural bracing that allows for two or more windmill to be stacked one upon another to optimize the use of land or rooftop space for the generation of electricity from wind power. The internal wind flow cavity allows wind to transfer power to both the windward and leeward rotors blades. The rotor axis is constructed so that all bearings can be replaced without dismantling the structure